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AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR,
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MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
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Section II

Zur Erklärung der Zweibuchstaben-Codes und der anderen Ab-
kürzungen wird auf die Erklärungen ("Guidance Notes on Co-
des and Abbreviations") am Anfang jeder regulären Ausgabe der
PCT-Gazette verwiesen.

(54) Title: METHOD FOR THE POLYMERIZATION OF CYCLIC ETHERS

(54) Bezeichnung: VERFAHREN ZUR POLYMERISATION CYCLISCHER ETHER

(57) Abstract: The invention relates to a method for producing polytetrahydrofuran, polytetrahydrofuran copolymer, polytetrahydrofuran diester, or polytetrahydrofuran monoester by polymerizing tetrahydrofuran in the presence of at least one telogen and/or comonomer and an acid heterogeneous catalyst based on activated layered silicates or mixed metal oxides in a fluidized bed.

(57) Zusammenfassung: Die vorliegende Erfindung betrifft ein Verfahren zur Herstellung von Polytetrahydrofuran, Polytetrahydrofuran-Copolymer, -Diester oder -Monoester durch Polymerisation von Tetrahydrofuran in Gegenwart mindestens eines Telogens und/oder Comonomers und eines sauren heterogenen Katalysators auf Basis aktivierter Schichtsilikate oder gemischter Metalloxide in einem Fließbett.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08G65/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 03/002631 A (FISCHER ROLF-HARTMUTH ;SCHLITTER STEPHAN (DE); SIGWART CHRISTOPH () 9 January 2003 (2003-01-09) page 5, line 1 - line 5; examples A,B -----	1-14
Y	US 6 362 312 B1 (BECKER RAINER ET AL) 26 March 2002 (2002-03-26) claims; examples -----	1-14
Y	US 5 136 106 A (KING STEPHEN W) 4 August 1992 (1992-08-04) column 9, line 1 - line 15 -----	1-14

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

26 April 2004

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04/05/2004

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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